

CLAIMS

1. A refrigeration appliance with a housing (1,2), which encloses an inner area (6), and with a carrier module (13) added to the housing, which bears a control circuit (20) for controlling the refrigerating capacity of the refrigerating appliance depending on a temperature measuring signal and at least one operating element for adjusting and/or a display element (19) for displaying an operational parameter of the refrigerating appliance and at least one illuminating agent (38) for illuminating the inner area.
2. The refrigeration appliance as claimed in claim 1, wherein a compartment (12) for the carrier module (13) is formed in an upper cover (9) of the housing.
3. The refrigeration appliance as claimed in claim 2, wherein the cover (9) is designed as a side or table plate fixed to the housing exterior.
4. The refrigeration appliance as claimed in claim 2, wherein the carrier module (13) and the compartment (12) have at least a pair of electrical pin-and-socket connectors (24,26) complementary to one another.
5. The refrigeration appliance as claimed in claim 4, wherein the carrier module (13) can be pushed into the compartment (12) and the pin-and-socket connectors (24,26) are arranged in a self-contacting manner when inserted.
6. The refrigeration appliance as claimed in claim 4 or 5, wherein the pin-and-socket connectors (26) of the compartment (12) is arranged on a mobile cable (27) and the carrier module (13) has a strain relief (29), on which the cable (27) can be fastened.

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7. The refrigeration appliance as claimed in claim 6, wherein the strain relief (29) is a meandering channel, in which the cable (27) can be placed.
8. The refrigeration appliance as claimed in any one of claims 2 to 6, wherein the carrier module (13) has a free outer face facing an upper edge of a door and in the free outer face at least one window (33) is formed, through which the inner area (6) can be lit up by the at least one illuminating agent (38).
9. The refrigeration appliance as claimed in claim 8, wherein the window (33) has a glass pane (34).
10. The refrigeration appliance as claimed in claim 9, characterised in that the glass pane (34) is solid with the carrier module (13).
11. The refrigeration appliance as claimed in any one of claims 8 to 10, wherein the carrier module (13) bears a removable housing, which covers the illuminating agent (38).
12. The refrigeration appliance as claimed in any one of the preceding claims, wherein a door-opening sensor (23) is arranged on the carrier module (13).
13. The refrigeration appliance as claimed in any one of the preceding claims, wherein its inner area (6) is fitted with tray-shaped cool goods compartments, which can be withdrawn like a drawer.